

Miles H. Bradford

# Miles H. Bradford, Y-12's 'Chief' Retires Today

## Completes Long Career

One of Y-12's oldest and most colorful characters retires today, May 31, when Miles H. Bradford, Chief of Guards, leaves. Chief Bradford completes more than 17 years, 10 months of active service.

A real old-timer, Bradford can relate stories of mud, rain, earth-movers stuck in the middle of the road, men getting in each other's way, neither knowing what the other was doing (a few not knowing what HE was doing), according to the jovial chief, planned entertainment in the "Rec" halls, shortages all over the place, and so on go the stories of the "old days" in Y-12. With a badge number of only 1281, few Y-12ers can

complete with the retiring guard head in length of service in Y-12.

"I actually came before there was a Y-12," Bradford relates, "we worked in the 'castle-on-the-hill' for three or four months."

Bradford, whose looks and outlook on life certainly belie his age, was born in Brownsville, Tenn., May 17, 1896. He attended school there, and remained in his home town until World War I came along, and he enlisted, serving in this country as well as in France.

His first venture into the business world saw him as owner and operator in Winona, Miss., with a hotel. Explaining how he ended up in Mississippi, Bradford tells of his aunt who sent him to a

mechanics school—then sent him out to purchase a likely garage to get started in business. "I didn't like cars too much," he explained, "so this hotel was for sale." He operated it until 1923 when he moved to Detroit, Mich., to work as a tallier in the Scranton Lumber Co. there.

In 1926 he became a sander foreman for the Pontiac Motor Co. in Pontiac, Mich., and served there until 1928, when he moved to Detroit again, this time to work for the Fisher Body Division of General Motors. He remained there in the stock room until 1931.

Moving back to his native Brownsville in 1931, he was elected constable in his hometown—

## Colorful Story-Teller

later becoming sheriff. It was the law enforcement profession that finally caught Bradford's fancy—a profession he was to follow until the present time.

During the late thirties he served as foreman and supervisor with the Works Progress Administration in Brownsville. In 1941 he became guard sergeant with the Ferguson-Oman Co., in Milan, forerunner of the U. S. government operations at the Milan Ordnance Depot. When the ordnance plant went under civil service, Bradford became chief of guards there and worked at this position until he came to Oak Ridge in July of 1943.

## Relates 'Old Days'

Relating some of the interesting days during the war years in Y-12, Bradford remembers the day there were nearly 1,000 guards employed here—more than 200 of which were "guardettes," or female guards.

Friends from all over Y-12 gathered Friday night at the Holiday Inn to toast the likeable Bradford, and also to hear some very funny stories from years gone by. With his soft, southern drawl he can tell a fine story... it may take a while, but it's well worth the time and the effort.

## Lives In Norris

Bradford lives with his wife, the former Inez Smith, whom he married March 14, 1928, at 133 W. Norris Rd., Norris.

In describing his plans and activities of the future, the chief says he is looking forward to retirement. "I know you hear a lot of moaning and groaning from folks retiring, but not me. I still enjoy life and intend to enjoy it as long as it's here," he chuckled.

The Bradfords are members of the St. Francis Episcopal Church in Norris. He is also a member of the American Legion Post No. 33, Brownsville.

## 'Hail To The Chief'

All of Y-12 rises up to say, "Hail to the Chief!" There may be others, but none will be quite as colorful, none will be able to tell stories from the good old days, and none will really take his place.

The Bulletin will have photographs of the festivities of last week's party in the next edition.

## Dinsmore Story Earlier

Also retiring today with Bradford is John G. Dinsmore, whose short biography was published last week. Both Dinsmore and Bradford have more than the required 10 years of company service credit, qualifying them for benefits under the Union Carbide Corporation Pension Plan. Both are also enrolled in the Carbide contributory retirement plan.

Both Dinsmore and Bradford take with them the best wishes of co-workers from all over the plant.

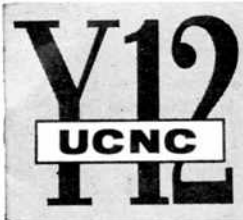
## Neutron Scattering Topic Of Next Physics Seminar

A joint Physics and Neutron Physics Division seminar will be held at 3:15 p.m., Friday, June 2. Featured speaker will be A. Sjolander, Argonne National Laboratory, whose subject will be "Liquid Dynamics and Neutron Scattering."

The seminars held in the Central Auditorium of the 4500 building are open to all interested technical personnel.

## Carbide Adds New Plastic Plant To Swedish Plans

A plant, designed to produce 35,000,000 pounds of polyethylene a year, is to be located in the southwestern part of Sweden, the joint venture of Union Carbide and the Fosfatbolaget organizations. It is scheduled to be completed in 1962, and will have the sufficient capacity to serve the Swedish market and other areas in the Scandinavian peninsula as well. Fosfatbolaget, founded in 1871, is today Sweden's largest electrochemical company.



# THE BULLETIN

A NEWSPAPER BY AND FOR Y-12 EMPLOYEES OF UNION CARBIDE NUCLEAR COMPANY  
DIVISION OF UNION CARBIDE CORPORATION

VOL. 15 — NO. 22

OAK RIDGE, TENNESSEE

Wednesday, May 31, 1961

6-10546

## Old Sol, Friend Of Man, Can Be Worst Enemy

Summer-time is always fun-time in Tennessee. But before Y-12ers stream out into Old Sol's beaming rays, a few reminders may prove of great benefit. First, the sun, one of nature's greatest healers, can also be very dangerous.

Sunburn, the painful hazard, that goes along with outdoor living not only causes pain, it can be extremely dangerous. Before getting that summer tan, vacationers can take steps to literally save their hides.

The first secret of controlling sun exposure is limiting time spent in the direct sun. Easy does it is the common rule. The first day on the beach should not exceed a period of exposure longer than 15 minutes. Each subsequent day may see an increase in exposure time.

## Use Lotion With Care

Persons with sensitive skin should use lotions only recommended by doctors.

The sun is hottest between 10 a.m. and 3 p.m. Wind and reflection from water add greatly to the effect of sunlight on skin. Overcast days can be especially tricky, since clouds do not screen out ultraviolet rays. Sleeping in the sunshine also can cause grievous burns.

## Children Burn Easier

Children need added attention. What would be a slight overexposure for an adult can actually make a child ill.

Getting out during the summer months can be most rewarding in recreational activities, in health improvement, and in general relaxation, but "take it easy" should be taken along as a motto for the "sun fun" crowd.

## John Reeve Wins Annual Award From Accountants

The first prize of \$75 for the best manuscript submitted during the year has been awarded to John T. Reeve, auditing superintendent for Union Carbide Nuclear Company, by the Knoxville Chapter of the National Association of Accountants.

The manuscript, "Accounting for Isotope Production," has been submitted to the NAA headquarters for publication in the NAA Bulletin.

Reeve, a graduate of Colgate University and the Pace Institute of Accountancy, is a certified public accountant in New York and Tennessee.



Norman Miller

## Y-12er's Son Named Top Future Farmer At Clinton High

In special ceremonies in Clinton recently Norman Miller was named an outstanding Future Farmer of America leader in the Clinton chapter during the three years in which he was a member of the organization.

Young Miller is the son of Glen T. Miller, of Y-12's Laundry. The Millers live at Route 4, Clinton.

Norman took top honors in the FFA student honor night ceremonies held at Clinton High School. He was awarded the DeKalb Award for scholarship, leadership and a superior farm project; and in addition received awards from the Foundation program for his public speaking and farm mechanics.

He graduates from Clinton High this week.

## AEC Grants To Colleges Total \$20 Million Plus

The United States Atomic Energy Commission announces a total of \$1,950,797 in grants to educational institutions to initiate or expand current curricula in the life and physical sciences, and engineering related to nuclear energy.

The last series of grants announced provided \$1,547,538 to 113 colleges and universities in November of last year. These latest grants bring to a total more than \$20,000,000 awarded to institutions for the promotion of general nuclear education, since the program was initiated five years ago.

## THE LINDE HOP

No point in the United States is more than a few hours away from a ready supply of Linde Liquid nitrogen.

## UT Graduate Program Offers Physics Study

### Registration To Start June 12 For Summer

The Oak Ridge Resident Graduate program will offer three physics courses during the summer quarter. The graduate classes are conducted in the Oak Ridge Institute of Nuclear Studies training building located directly behind the Atomic Energy Administration Building in Oak Ridge.

The courses, Physics 422—Electricity and Magnetism; Physics 323—Heat and Thermodynamics; and Physics 643g—Advanced Topics in Quantum Theory, begin Tuesday, June 13. Registration starts June 12, and must be completed by June 19.

Tentative graduate classes for the fall quarter are announced as Chemical Engineering, Chemistry, Industrial Management, Mathematics, Metallurgical Engineering, Physics, and Statistics.

Further information on the graduate classes may be obtained by calling the Resident Graduate Office at Oak Ridge, telephone 483-8611, ext. 4129.

## Seaborg Sees Atom For Space Conquest

### Nuclear Propulsion Will Help In Universe Travel

Glenn T. Seaborg, Chairman of the United States Atomic Energy Commission, in a recent address to the Army Ordnance Association in San Francisco, described the atom's place in space.

"When the uses of nuclear energy for rocket propulsion become feasible, man will control, for the first time, the energy needed to travel freely wherever he pleases in space. What is now science fiction may become scientific reality. On the basis of present scientific knowledge, I believe that nuclear propulsion could provide the most feasible means of accomplishing long voyages in space," Chairman Seaborg stated.

He pointed out that mankind is only on the verge of the space age. "Nuclear rocket propulsion," he added, "aided by nuclear powered instrumentation, will carry us a long stride forward into the vast universe that surrounds this little earth. Success in space effort is within our reach."

## A SMALL SMOKE

The vicuna is the smallest member of the camel family.



**PRODUCT PROCESSING** Superintendent John S. Reece presents retiring John G. Dinsmore with his first retirement check. Dinsmore leaves Y-12 today after having worked 13 years and seven months continuously in the plant. The popular retiree's biography was carried in last week's Bulletin. Before his retirement Dinsmore worked in Beta Two as a material accountant.

## Portsmouth Plant Nears Year Of Safe Operations

The Atomic Energy Commission's Portsmouth Diffusion Plant has operated nearly a year without a lost-time accident. The last such accident at the plant occurred June 8, 1960. As of last week, the plant had operated for 3,878,000 man-hours without a lost-time mishap.

The record is being set by Goodyear Atomic Corporation employees who operate the plant under contract with the AEC. More than 1,900 employees compiled this admirable record.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
41 Days Or  
1,381,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through May 28  
Phone 7755  
For Daily Report  
On Accident-Free Hours



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
Division Of  
UNION CARBIDE CORPORATION

JAMES A. YOUNG ..... Editor

GEORGE W. DOBBS ..... Editor  
Emeritus

## OFFICE

Post Office Box Y  
Oak Ridge, Tenn.

Bldg. 9704-2 Room 149  
Telephones 7100 - 7109



**IN A RECENT** Girls' Auxiliary Coronation at the Glenwood Baptist Church, Miss Judy Marlar received a scepter, as she made the rank of Queen-with-a-Scepter. She is shown with her five-year-old brother, Gary, who presented the scepter to her. The children are the son and daughter of Mr. and Mrs. Charlie L. Marlar, of 219 Highland Ave., Oak Ridge. Their father is employed in Product Processing. Judy attends Robertsville Junior High School.



**Ride wanted from Gallaher Road to West Portal, straight day.** William A. Famer, plant phone 7-8434, home phone Kingston FR 6-9916.

**Riders wanted from Cumberland Estates section, Knoxville, to any portal, 3 to 11:30 p.m. shift.** Gene Price, plant phone 7103, home phone Knoxville 522-5037.

**Ride wanted from Kingston Pike section, Knoxville, to North Portal, 3 to 11:30 p.m. shift.** C. H. Crockett, plant phone 7103, home phone Knoxville 588-2312.

**Ride wanted or will join car pool from Grove Center section, Oak Ridge, to West Portal, straight day.** Edward Bell, plant telephone 7-8642, home phone Oak Ridge 482-2144.

**Two car pool members wanted from Woodland to North or Central Portals, straight day.** Sewell Brown, plant phone 7216, home phone Oak Ridge 483-8321.

**Riders wanted from South Knoxville to any portal, straight day.** E. E. Cook, plant phone 7-8845, home phone Knoxville 577-4786.

**Ride wanted from South Lake City to Central or West Portal, H Shift.** P. R. Thomas, plant phone 7573, home phone Lake City 5332.

## Telephone Companies Find New Age Detector Method

The telephone companies of America have come up with an idea to find out a person's age. It is simple.

"For example, if you're very young, the call is always for you, with exciting news."

"In your late 20s, 30s, and 40s,

## 'Culture Explosion' Noted In America

### Jesuit Dean Gives Data On USA Leisure Habits

The United States is in the midst of a "culture explosion" that very nearly blows the rug from under those who picture Americans as ugly, status-seeking vulgarities, according to a Jesuit writer.

The Rev. C. J. McNaspy, writing in an issue of the Jesuit weekly America, states that 3,947,365 persons visited the Metropolitan Museum of Art last year, more than twice the number who watched the Yankees play ball in their stadium.

In 1920, the Jesuit dean points out, there were not a hundred symphony orchestras in the entire United States. Today there are 1,142, more than half the world's total, that claim an annual attendance of 35,000,000 concertgoers.

#### Attendance Doubles

Recent government statistics also indicate that more time and money is being spent on the theater, operas and concerts than ever before in history. In 1959 alone the amount of money spent on concerts doubled over the previous year.

Governmental figures did not include the hi-fi, stereo industry which has almost revolutionized the stock market. This industry is a multi-billion-dollar one; and hardly a home is lacking a good library of the "classics."

#### Reading Picks Up

Father McNaspy also acknowledged the pick-up in reading habits of Americans. "The paperbacks (1,912 new ones last year) make the best — from Homer to Hemingway — comfortably available to all homes there for those who still read. For all its blemishes, the culture explosion can surely serve the good of man," the Jesuit dean concluded.

## Pellissippi Site Of B Shift Rodeo

The B Shift Fishing Rodeo opens today, Wednesday, May 31 at Pellissippi dock and extends through tomorrow at 4 p.m. Starting this afternoon at 6 p.m., the event is offering prizes galore. Door prize is an ice cooler, and the dock prize is a reel. Various other fishing awards are being offered for the best fishes caught in the following classes: smallmouth and largemouth bass, walleye (3 prizes), crappie, striped bass, bream, and catfish.

The dock, which will be open 24 hours, has a restaurant that opens at 4 a.m. Free boat launching is extended to all Y-12ers.

### Library Will Close Early Saturdays During Summer

The Oak Ridge Public Library will not be open Saturday nights during the summer, beginning June 10, library officials announce.

"The primary reason for closing at 6 p.m. on Saturdays during the summer is that very few patrons come to the library on Saturday nights," Director Patricia L. Postell explains.

Since the over-all use of the library greatly increases during the summer, the man-hours saved on Saturday night are needed during weekdays to help with children and temporary summer residents.

it's hopeful anticipation, increasingly giving way to annoyance.

"In your 50s, and 60s, you hope it's the wrong number and that no one wants you to do anything. Then, in your 70s, let someone else answer it — won't be for you anyway."

Take the time to be sure your file is locked.



With June bustin' out all over, Mehitible hit the road to the old fishing pond, said she were a mite tard of weddin's, chillun gettin' outta school, but was rite proud to see old equinox nearin', meaning the end of winter . . . and finally the flush of spring . . .

Flushing around Y-12, we come up with the following from

### FINANCE AND MATERIALS

Plant Records has **Martha Helton** on vacation in Oak Ridge . . . **Herb Reynolds** vacating too, didn't say where, but everybody's sure fishing's right up there on top . . . **Emma Puckett** has always been told by her brothers that when she was old enough she could have a new car; well, now she's 21 (?) and has gone out and purchased a new '61 F85 and it is a beaut!

**Ed Pluhar** of F&M Administration and son **Kenneth** of Mechanical Engineering vacationed the latter part of last week and the first part of this week visiting relatives around the old stomping grounds around Bound Brook, N. Y.

Accounting and Budget allows that **Kenneth Denton** and family headed for Florida for two weeks of sun . . . **Marvin Flatt** also took his family southwards.

**Anne Fitzgerald**, Engineering Records, vacationed at home in Knoxville.

From Engineering Services it's told that **R. R. (Pete) White** vacationed this week at home in Harriman.

The May 28 date for the weekly winners of the Talent Parade Show on Channel 10, of which Margaret Parks, Reproduction, and a member of the Kingstonette Trio, was to compete for the monthly winner has been cancelled until Tuesday night, June 6. Good luck, Margaret, we hope you and the Trio win.

Sympathy is extended to **Ray Reagan**, Traffic, on the recent death of his father . . . **Jim Cox** is sporting a nice tan — picked it up in Florida recently.

**T. A. Williams**, Cashier and Travel, sported up to Kingsport this week to see how all the old hometown folks are making out.

Congratulations to **Hugh Rice**, Timekeeping, and Mrs. Rice, on the arrival of a baby daughter, born May 20, weight seven pounds, three ounces, bearing the name Susan Elizabeth.

Property speeds get well wishes to **Clifford Anderson**, ill at home in Clinton.

The only thing obstetricians have in common with the traditional stork — they all have big bills!

### CHEMICAL OPERATIONS

Chemical calculates that **Katie Goad** is vacationing at home in LaFollette . . . Also vacationing in parts unknown are **T. S. Arnold**, **C. A. Allen**, **W. M. Eads**, and **J. A. O'Barr** . . . Recent week-end visitor of **Carl Nelson** and family was his son Wayne who attends college at Tennessee Tech in Cookeville . . . **Jim Arrington** is vacationing at home also, in Oak Ridge, probably still bragging about his son Gene and the honors he brought back from Chattanooga recently in the track meet . . . and friends all around the department are glad **Jo Ann** and **Ed Isham** picked up some culture on their recent trip to Cincinnati, attending all those operas and Shakespearean dramas.

An American is a person who

isn't afraid to cuss out the president, but is always polite to the policeman on the corner.

### SHIFT SUPERINTENDENTS AND UTILITIES

Utilities flashes that **H. D. Baker** is away in Massachusetts visiting his ill daughter and get well wishes are rushed to her . . . Condolences are extended to **I. J. Maples** whose father died recently . . . On vacation this week and working around home are **J. H. Thomas**, and **J. C. Sims** . . . **E. A. Wells** didn't say where he was going on vacation . . .

**F. D. Robinson** is vacationing around home at Loudon . . . **J. D. Barnette** is visiting his sister in Cincinnati, and is also using part of his time to visit in West Virginia . . . **R. F. Farmer** is on vacation visiting in North Carolina and plans to try trout fishing over there . . . **Jackie Ward** and **Milo** of Chemical and Jay are visiting relatives in Newland, N. C. this week-end . . . and folks around Utilities are still laughing over their recent trip to Swan Pond to try some fishing . . . it seems Jackie hadn't done too much fishing before . . . and kept screaming that her float was gone. It was gone everytime; she had caught a fish, and naturally the big ones pulled the float under!

It's bad to act like a fool — even worse if you're not acting!

### ENGINEERING

From down Engineering Mechanics way we roll out the welcome mat for **Archie Ayers**, that old Souf Carolinian, transferring in from Process Engineering . . . **Roy McKnight** is vacationing in Florida, left word he plans to hit the briny deep to get some big 'uns . . . **Jim England** didn't say where he was going . . . Deepest sympathy is extended **Jim Harell**, whose father passed away recently . . . **Pete Blackmon** is business-tripping up in Cleveland . . . **John Cobb** will be attending the Vicker's Hydraulic School in Detroit for the next two weeks . . . **Jim Turner** is hobbling around on crutches . . . says he got out of bed before his foot was awake and fell all over the room. Wonder if there's more to the story and Jim just isn't telling all of it . . . **F. S. Patton**, **E. C. Williams**, and **C. H. Pride** recently toured the mining operations around Wind Rock . . . reported an exciting time seeing the mechanical equipment at work, witnessing coal blasting, and watching a cave-in, from a distance, of course.

From Instrument Engineering, it's heard that **Sam Hodnett** has been showing off the medals his son, Sam, Jr., won at the recent Oak Ridge High track meets . . . **Al Norris** won a prize at the recent "Smoker" held by the Instrument Society . . . swears he must've had a change of luck . . . After **Al Stanton** had the recent misfortune to split his britches, **Rasey Feezell** started having a well-known liquid diet treatment for lunch the next day . . . **Earl Dunn** sent a picturesque (girls) postcard from Las Vegas where he visited recently . . . reports the scenery (girls) most exhilar-



### MOORE - PRICE

The Trinity Methodist Church, Oak Ridge, was the scene of the wedding of Frances Bernice Price to Charles Hubert Moore. Dr. Paul E. Brown, pastor, performed the private, double-ring ceremony. The vows were repeated at noon Monday, May 1.

The bride, the daughter of the late Mr. and Mrs. George W. Price, is in Mechanical Maintenance in Y-12. The groom is the son of Mr. and Mrs. C. E. Moore of Kingsport.

For her wedding the bride wore a navy silk shantung sheath dress with navy lace coat. She wore a light blue hat, gloves and bag with navy shoes. For her flowers she wore a white orchid corsage.

The bride left Y-12 Friday, May 26, to move to her new home in Kingsport. The couple will live at 719 Hollis St., Patton Heights, in Kingsport.

ating . . . Stan Groothuis upheld justice last week as a jurymen.

Money isn't everything. There's love. Of course, some of us are lucky . . . we're in love with money.

### MAINTENANCE

A bulletin up from Electrical states that **E. C. Gross** and the missus had a little granddaughter, May 24, named Lisa Ann Swisher, weight six pounds, 14 ounces . . . and the department is welcoming in **J. W. Fritz** and **J. W. Frazier** . . . Get well wishes are sent to **H. H. Buckner**, **J. R. Pitts**, **J. H. Whidden**, and **W. H. Pool** . . . **Bill Cobb** is spending a week down Mississippi-way . . . **E. L. Turnbull** will vacate around home, doing a little fishing, a lot of resting . . . **W. N. Reed** and family are visiting his mother and other relatives in Wichita, Kansas . . . **C. G. Trece** will be picking berries at **J. V. Bibee's** retreat. Does anybody want to buy a quart of chiggers?

**Desma Blair**, Process Maintenance, and husband Frank are vacationing around Center Hill, loafing and fishing, and maybe see the folks if the loafing and fishing allow it . . . **R. C. Pruden** vacationed at Sarasota, Fla. . . . **E. R. Garrett** is going to loaf around home in Morgan County for his vacation . . . **J. L. Reagan** treated his Boy Scout Troop to a night in Oak Ridge over last week-end, at good old Camp-O-Ree. His Troop is from Norris . . . **A. A. Groppe** has decided he needs a few days relaxation . . . and also that he can tear himself away from the work folks for a while to rest at home.

From Research Services it's the word that **C. W. Mason**, **W. R. Duff**, **A. F. Neubert** and **M. Settle** should have a lot of fish tales to tell after their recent trip to Panama City, Fla. . . . **C. C. Parson** has a new grand-daughter in Texas and hopes to make a visit down thataway soon to see her.

It's usually the eager beaver that makes enough money to wear mink.

### MECHANICAL OPERATIONS

From the divisional office it's told that **Emily** and **Paul Helton** spent a wonderful long week-end recently in Panama City, Fla., with some friends from Atlanta.

From Production Control comes a long train of news in vacations . . . **Elbert Lockhart** on vacation at home in Knoxville, brushing up on magic tricks, no doubt . . . **Greeta Luallen** is at home in Clinton and spending a few days at Carson Springs Camp with her children . . . **Mary Moore Lay**, her husband, daughter, and some friends are in Daytona Beach, and

Continued on Page 4



# RIDGE GOLFERS SET NEW HIGH IN TOURNAMENT

## Six Teams Win In Softball Play

### Two Games Taken By Forfeit Route

Two forfeited games marred the opening of the Softball League for Carbiders last week. But there was action aplenty with other games scheduled. Y-12ers and softballers from the Oak Ridge Gaseous Diffusion Plant comprise the 13 teams in the league.

The ORGDP Kentucky Wonders, winners of last year's league, won a forfeit game from Y-12's 9215ers. The other forfeit game was taken by ORGDP's D Shift team over Y-12's Blue Demons.

The Odds 'N Ends team walloped the Tabs from Y-12 to the tune of 15 to 7; Kitchins scoring two triple-baggers, and one double. Barkow scored the only home-run of the game.

Line scores were:

Team	R	H	E
Odds 'N Ends	15	20	2
7	13	6	

Batteries: Odds 'N Ends — Keith and Barkow. Tabs — Bailey and Morgan.

In other action, the Y-12 Peons edged by the ORGDP Codgers 12 to 10. Wright homered for the victors; Bolinsky for the losers with two homers, and Hall with one. Bailey, Everett, Cheek all doubled for the winners, while Corn hit three doubles, Harrison two, and Hall one for the losers.

Line scores were:

Team	R	H	E
Peons	12	13	8
Codgers	10	14	3

Batteries: Peons — Rutherford and Bailey. Codgers — Iacivoni and Johnson.

The Y-12 Atoms defeated the ORGDP Fly Swatters 14 to 11, as Cavosie hit two home-runs, and Grubb hit one. Manson was big gun for the losers with a homer and triple to his credit. Daws and Sise both had a double to their credit for the victors.

Line scores were:

Team	R	H	E
Atoms	14	14	3
Fly Swatters	11	16	2

Batteries: Atoms — Ed Cottrion and Don Bell, pitchers and Sise, catcher. Fly Swatters — Box and Witt.

The big game of the week was a nine-inning affair between the Y-12 Development boys and the ORGDP Red Devils... the Red Devils edging out by a score of 6 to 5. For the victors Shotts was the big power at bat with a triple and two-bagger to his credit. B. Sise also tripled for the winners. On the losing side it was Richards with a triple, and Pryson and Yaggi with doubles.

Line scores were:

Team	R	H	E
Red Devils	6	12	4
Development	5	10	2

Batteries: Red Devils — Ed Sise and Rector. Development — Blanks and Evans.

The only team not seeing action last week was the Y-12 Buzzards. They met ORGDP's D Shifters in competition Tuesday.

League standings follow:

Team	W	L
Atoms	1	0
Red Devils	1	0
Odds 'N Ends	1	0
Peons	1	0
Kentucky Wonders	1	0
D Shift	1	0
Buzzards	0	0
Blue Demons	0	0
7	0	1
Codgers	0	1
Development	0	1
Fly Swatters	0	1
9215ers	0	1



**NAMED BEST DEFENSIVE** player for the 1960-61 season at Oliver Springs High School was Hence Mitchell, son of Hence Mitchell, Sr., material and parts man in Z Area. The award is presented young Mitchell by Luther Hall, of Y-12's Forming Department. Hall is president of the Oliver Springs Lions Club. Mitchell says his boy weighs 230 pounds, and admits that it has been a long time since he took the youngster to the woodshed.

## Hines-Dorr Top Ridge Greens

### Maintain Perfect Score In Four Rounds Of Play

The Hines-Dorr combination in the Oak Ridge League for Y-12 golfers maintained their perfect record last week by downing Crone-Douglass for the full six points. Other six-point wins were scored by Andrews-Turner over Holzknicht-Peckman; and Boyd-Oliphant over Smith-Bartholomew. Only two five-point wins were posted — Peterson-Presley over Mee-McLendon and Underwood-Early over Brown-Roberts. Crow-Breman took four points from Belvin-Hopkins. Three duels saw teams split three points each. They were Stroud-Ebert and Mitchel-Tibbatts; Dehoney-Knowles and Hackett-Townsend; and Ratjen-Hoppe and Gregory-Kurtz.

Art Hines scored a low scratch of 39, only three points over par for the course. C. F. Peterson was low handicap scorer with a 34.

League standings follow:

Team	W	L
Hines-Dorr	24	0
Stroud-Ebert	21	3
Peterson-Presley	19	5
Andrews-Turner	17	6
Holzknicht-Peckman	16	8
Dehoney-Knowles	15	9
Boyd-Oliphant	15	9
Mitchel-Tibbatts	14	10
Brown-Roberts	11	13
Ratjen-Hoppe	11	13
Mee-McLendon	10	14
Hackett-Townsend	10	14
Crow-Breman	10	14
Crone-Douglass	6	18
Smith-Bartholomew	5	19
Underwood-Early	5	19
Belvin-Hopkins	4	20
Gregory-Kurtz	3	21

## Tax On Income Started After Napoleonic Wars

History can blame the small Frenchman with his hand in his coat for the income tax, since William Pitt issued the levy against Britons to pay for the Napoleonic wars. In 1842, the British government instated the income tax to pay its post-Waterloo debts.

The first American income tax was levied during the Civil War. It was eliminated by Congress in 1872, and was not taken up again until the Sixteenth Amendment was ratified in 1913. It's been here ever since.

## Henry Norris Scores Hole-In-One At Whittles Course On Hole No. 6

### Par-Three, 145-Yard Hole Makes Perfect Bullseye For Y-12er; Phillips-Leach Keep Lead In League

The ambitious Phillips-Leach team in the Whittles League for Y-12 golfers aim to keep their top berth secure. In play in the week of May 22, they put assurance on their standing by taking the Ball-Emery pair for the full three points. Two point victories were scored by Sawyer-Perry over Hendrix-Parker; Morgan-Campbell over Norris-Ruckart; and Kovach-Marrow over George-Newman. Splitting scores were Brown-Ratliff and The Shappells; and Spradlin-Clabough and Galle-Troutman.

Biggest news of the week, however, belongs to H. C. Norris who scored a hole-in-one on the sixth hole — a three-par, 145-yard green. The magic circle, to which few golfers belong, is thus enlarged to take the Whittles leaguerman in.

Individual scoring lows went to C. C. Morgan, with a 36; while handicaps low went to Morgan, Tom Perry, and C. E. Spradlin with 32. Team lows were all attributed to Sawyer-Perry with 76, and 66.

League standing follows:

Team	W	L
Phillips-Leach	14½	½
Sawyer-Perry	11	4
Brown-Ratliff	10	5
Spradlin-Clabough	9½	5½
George-Newman	9	6
Morgan-Campbell	8	7
Norris-Ruckart	7	8
Kovach-Marrow	6	9
Schappel-Schappel	5	10
Hendrix-Parker	4½	10½
Troutman-Galle	3½	11½
Ball-Emery	2	13



**THE GOAL** of every golfer—a hole-in-one—was fired by Henry Norris at the Whittle Springs course recently. It was the lucky sixth for Norris, as he teed off to the three-par, 145-yard hole. His modest comment was that he was sure it was an accident!

## Watson-Collins Lead In Lenoir

### First Berth Lenoir City Team Beats Opponents

Again in the Lenoir City Golf League for Carbiders, four teams took the full count of four-point wins from opponents in the play the week of May 15-20. Watson-Collins repeated their four-point win from the previous week by clouting the new opponents Wray-Wright; Hicks-Cook took four from Harris-Carter; Hudson-Morrison won four from Beckett-Cox; and Case-Frizzell downed Grubb-Clayton. For three and one-half points the Lenoir golfers saw Rogers-Thompson over Hensley-McGinnis; and for three points Reid-Gregory over James-Peters; and Miracle-Kingsbury over Rutherford-Huston.

Clyde Hudson took low scores with a 38 and 34; Lou Watson a close second with 41 and 35.

League standing follows:

Team	W	L
Watson-Collins	12	0
Miracle-Kingsbury	10	2
Hicks-Cook	9	3
Rutherford-Huston	8	4
Case-Frizzell	8	4
James-Peters	7½	4½
Rogers-Thompson	6½	5½
Harris-Carter	4½	7½
Beckett-Cox	4	8
Hudson-Morrison	4	8
Reid-Gregory	3	9
Grubb-Clayton	2	10
Wray-Wright	1	11
Hensley-McGinnis	½	11½

## Golf Instructions Offered To Novices At Country Club

Men and women wishing to take golfing lessons may do so this year at the Oak Ridge Country Club. Classes begin Tuesday, June 6 at 5:30 p.m., to be taught by the pro golfer at the club.

Subsequent classes will be held Tuesdays and Thursdays at the same hour. A total of six lessons are included in the course. Registration cost in the total lessons is \$6. Those wishing to enroll should call the Recreation Office, telephone number 7109.

## Art Hines Wins With 5 Over Par

### 144 Hardy Souls Brave Morning Chill

The greens at the Oak Ridge Country Club was the setting for the second Golf Tournament for Y-12ers this year, as Art Hines won first place with a low score of 77, only five over the par for the course, held last Saturday, May 27.

Despite the 35 degree weather, 144 hardy souls braved the chill and frost to participate in the record-breaking event. The previous high for entries was 142 at Deane Hill Country Club in June, 1959.

Competing in foursomes, the golfers played in four divisions. The first tee-off was fired at 6:20 a.m. with foursomes taking off periodically after that until after 11 a.m. Officials at the Country Club had to turn sprinklers on the grass to remove frost. It seems water will "burn" frost away and lessen the danger of harm to the greens.

Other winners in the first division were: Low handicap, Bill Ingle, 71. Second low scratch saw Newt Hamby and Frank Kennedy with 81. Third scratch winner was Al Gillen with 82. Other handicap winners, in order, were Burkett Bailey and Paddy Peckman, tying with 73; and a three-way tie among J. E. Bartholomew, Bill Maddux, and Harry Shatley with 75. Most pars won in the first division were by Ed Gambill with 11, and second-most pars were by George Wylie, Harvey Saylor, J. H. Body, and Dan Stroud, all with nine.

### Second Division

Low scorer in the second division was F. K. Clabough with 88, and low handicapper was J. P. Cook with 74. Other scratch winners with their scores were Bob Lay, 89; George Oliphant, 91; J. H. Jones, 91. Low handicap scores were Ed Ellis, 76; Merle Emery, 77; R. J. Luck, Jay Holzknicht, L. C. Watson and Fuzz Harris, 78. Most pars were shot by J. W. Ebert with seven, and second most was by H. C. Nichols, with six.

### Third Division

Low scratch in this division saw a tie between Roy Roberts and Jay Fielden, with 90 each. Low handicap went to W. R. Hicks, with 71. Other low scratch scores were accomplished by Curtis Robinson, 92; and Bill Lanter with 93. Low handicap scores in the third division were taken in order by J. C. Thompson, 72; Jim Ball, 73; and W. A. Rutherford and Howard Pratt, 78. Most pars were fired by C. A. Moore with 6, and followed closely behind with W. E. Belvin's five.

### Fourth Division

Tops in the Fourth Division was Jim George with 96; while low handicap honors went to Jim Grubb's 70. Other scratch winners in order were Jim Crone, 97; Ken Bowers, 100; C. J. Beckett, 101. Other low handicappers were Tommy Douglass, 74; C. E. Spradlin, 77; E. M. Massey, 78. Most pars were taken by Sam Campbell with four, followed by three from the hands of W. M. James.

The successful Tournament is to be followed by the June meet in Gatlinburg for Y-12 Golfers at the course in the Smokies, planned for June 24.



Art Hines



**AN EXTRA** large largemouth bass was this monster pulled from the waters of the Rose Bailey Lake by B. W. Rea, Beta Two. Lured to the hook by a Tru-Life worm, the big boy put up a losing fight to become a strong contender in the Fishing Contest for 1961.



"It wants Saturday off."



BULK RATE  
U. S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 71

# UNION CARBIDE NUCLEAR COMPANY

Division of

Union Carbide Corporation

Post Office Box Y  
Oak Ridge, Tenn.

RETURN POSTAGE GUARANTEED

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED,  
RETURN TO SENDER IMMEDIATELY.

## Electrical's Currens Has Busy Daughter Graduating At Roane

**Voted Best-All-Round Girl In Senior Class;  
Enters Tennessee This Fall In Journalism**

A very busy senior at Roane County High School is Evalyn Carol Currens, or "Evie," daughter of Mr. and Mrs. A. B. Currens. The father is in the Electrical Department in Y-12.

Voted the Best-all-round girl in the senior class by her classmates, Evie had managed to keep a high average of grades while participating in many outside activities. She was on the annual staff her senior year, class treasurer in her junior year, was business manager of school paper her last year in school, a cheerleader for three years, a member of the "K" Club her last two years, was secretary of the Cadette Club for Girls her junior and senior years, and was vice president of the Kingston Organized Youth (KOY) Club last year.

Evie likes to dance and water ski. The active senior who graduates Friday plans to enter the University of Tennessee in the fall where she plans to major in journalism.



Evie Currens

## Uncle Sam Is Country's Largest Property Owner

The Federal Government owned just under \$50 billions of property throughout the world last year, of which over four-fifths were in this country and Alaska and the balance evenly divided between United States territories and possessions in foreign countries, according to a late report from the General Services Administration.

The Department of Defense was the biggest single factor in this tabulation, with real property placed at practically \$34 billions, or nearly 70 per cent of the total. Federal ownership comprised almost 770 million acres in the USA alone, or over one-third of the country's land area.



**THIS BEAUTY** of a crappie was caught in Coosa River, down in Alabama, by M. N. Elam, Beta Four Heavy Machine Shop. He landed it on a cane pole, using a live minnow for bait.

## Stamp Needed To Catch Trout In Tennessee Waters

With the introduction of trout into many of our lakes and tail-water streams that formerly supported only such warm water species as bass and crappie, the chances of hooking a good trout is now more than a rare occurrence.

Any fisherman lucky enough to land a trout, however, is reminded that to retain it he must possess a trout stamp, in addition to the regular fishing license. Walbert Kennedy, chief of the law enforcement division of the Game and Fish Commission, points out that the trout stamp which costs \$1 should be affixed to the regular license and cancelled by the owner's signature.

## More Food Provided For Peninsula Deer

The deer herd on the Central Peninsula Wildlife Management Area may expect to fare better as a result of a stepped-up browse improvement program, according to Larry Safley, senior game biologist for the Game and Fish Commission. The deer browse improvement work, now under way on the popular management area, has been expanded to include 700 additional acres for 1961. Compared with last year's 425 acres of browse work done on the area, this season's work should add considerably to the deer food supply. Prior to the increased browse improvement program, Safley pointed out, the average weight of the deer harvested on the area remained in the eighty pound class but that last season the average weight of the deer killed on Central Peninsula was 104 pounds.



Continued from Page 2

Orlando, Fla., soaking up the warm sunshine. Week-end trips are also gaining their own eminence as **Red Wiest** and family recently motored up to Paris, Ill. to a gun collector's meeting . . . **Al Strickland** visited relatives in Corbin, Ky. . . **Jim Burns** caught a 25 pound catfish on Norris Lake on a recent week-end . . . **Bob Harris** attended the recent Jaycee Convention in Chattanooga . . . **Jim and Bonnie Crone** recently week-ended in Greenville, S. C. . . **Jack and Peggy Thomas**, along with **Clyde** and **Ada Hopkins** were over at Waynesville, N. C. celebrating the Thomsons' 18th wedding anniversary, and trying to improve Clyde's golf game (it can stand improving!) . . . **Kathy Mills** spent a week-end in Bowling Green, Ky. visiting old school mates . . . **Ronnie Taylor** marched in the Armed Forces Day Parade in Knoxville . . . **Al McConkey** spent last week on jury duty . . . **Tom and Edna Webber** went over to South Carolina where Tommy's grandfather celebrated his 91st birthday.

From Z Area, the **W. C. Morrow, Sr.** family enjoyed W. C. Jr.'s visit before his going overseas with Naval Air Force duty in Japan.

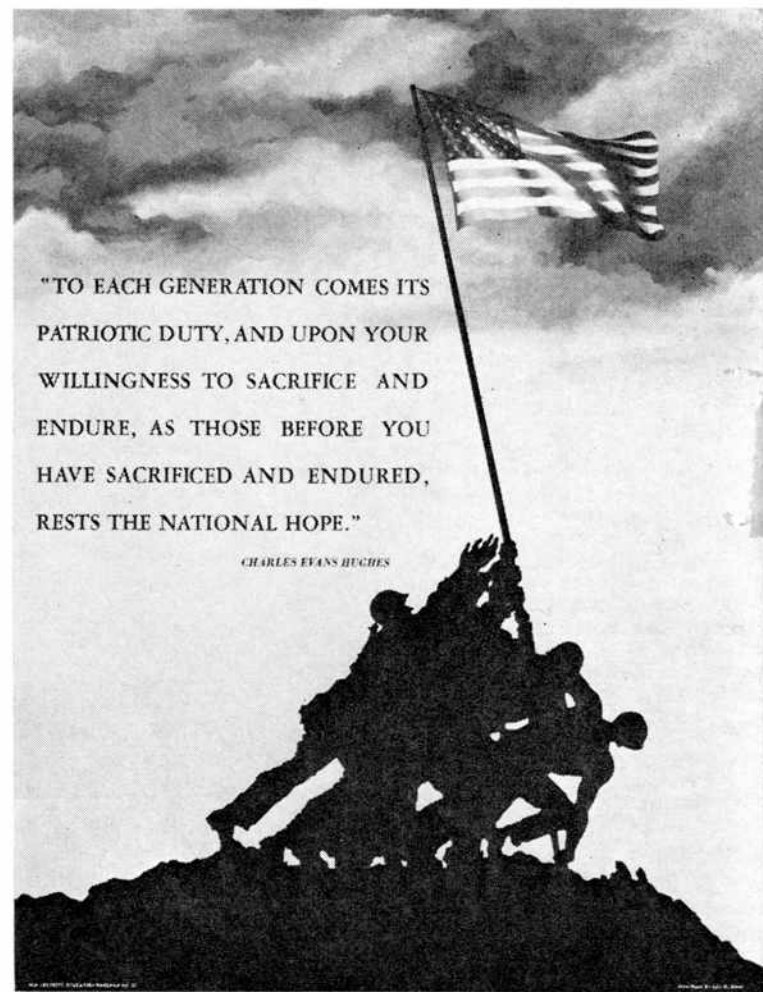
Rolling and Forming blasted in "late" with news of **Ellen Culp's** baby, born May 7, weight six pounds plus . . . of course, old Dan's bragging all over the place. They named the little tyke **Constance Page**. (Dan's fondly remembered around The Bulletin office. He once "worked" here.) . . . Sympathy is extended **H. R. Olka** whose father passed away May 22, in Tonowanda, N. Y., and to **J. Coates**, whose father died in Knoxville, May 23.

The Alloy Shop allows that it's babies this week . . . well blessed with them. **W. W. Clem** has a new boy, named **Mark Evans**, born May 13, weighing six pounds, nine ounces . . . and it's a girl for **D. T. Kennedy**. She was born May 18, weighing seven pounds and six ounces . . . vacationing this week are **A. R. Smith**, **G. L. Miller**, **J. V. Bolinger**, **C. O. Stephens** and **W. D. Davis** . . . **L. S. Nabors** and **E. A. Crucey** are recuperating from a recent auto accident.

Special Mechanical Production produces news that bossman **J. Patterson** spent last week in Fontana, N. C. nursing a cold . . . also vacationing from F Area were **J. A. Williams**, **E. D. Nicley**, **C. M. Cheek**, **E. Plemens**. This week we find **C. W. Nelson** around home in Knoxville, **T. C. Tindell**, doesn't know where he's going, **J. V. O'Neil** staying around Knoxville, **C. E. Crowe** down to Hampton, Ala.

Things are a little quiet in Beta Four right now. **Craig Waldroup** spent his vacation fishing in North Gawgah and **Red Morgan** camped out on Hurrah Ridge on his long week-end. Hope it was warmer there than it was here. **N. B. Parks** is giving it that old hup, one two, three, **EYES RIGHT** for two weeks, playing soldier. He is really on military leave . . . **L. N. Moncier** is dispensing justice on jury duty . . . **J. A. Huckaby** spent his vacation at home, and with a good reason, a brand "spanking" new baby (pun, of course, intended). Little **Lora Denise** was born May 13, weighing seven pounds, seven and one-half ounces. The other little lady of the family, **Terry Diane**, is properly thrilled over all the big events . . . **Joe Sherrod** is a welcome sight back in the old shop after a few week's illness . . . **E. J. Holt** had a family reunion at his domicile in Knoxville recently . . . Folks wondering how many more "berry" winters we have to go are welcoming in **Joy Berry** . . . Also greetings to newcomers **G. E. Marsh**, **T. J. Kelso**, and **J. N. Zambo**.

The General Machine Shop is



CHARLES EVANS BUGHES

welcoming in **A. S. Herrell**, transferred from Stores . . . Get well wishes are rushed the wife of **C. P. Wilkins**, in St. Mary's Hospital . . . Home vacationers are **W. A. Rutherford**, **E. L. Armstrong**, **L. D. Burchfield**, **L. C. Bell**, and **S. T. Shultz**. **Charles McAmis** took off to Florida to see if his property there is still under water . . . Other stay-at-homes are **J. H. Brown** and **K. A. Shoemaker** . . . **H. M. Monday** visited in Pensacola, Fla. . . **C. E. Walker** entertained relatives at home . . . **J. C. Chamblee** visited an old Army buddy in Savannah, Ga., then cruised on down to St. Simon's Island . . . **B. A. Cooper** is at home in Karns gardening . . . and it's a boy for the **E. L. Reeds**, born May 25, named **James Philip**, and weighing an even nine pounds. He vacationed to get acquainted with the little fellow.

There's one thing about baldness. It sure is neat.

## INDUSTRIAL RELATIONS

Employment is welcoming in **Martha Jane Williams** . . . and **Carol Trent** and **Robert** (he's in Chemical) are away on a fabulous trip West, including Las Vegas, the Grand Canyon, Los Angeles, and a side trip to Needles, Calif., for a visit with Bob's mother.

Woman, watching a football game with her husband in the pouring rain said: "This is probably another one of my silly questions. Why don't we go home?" Well, why not, it's getting late 'round here.

An open mouth and a wagging tongue is the biggest gap in security.



"How long is this license good for?"

## Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will observe 10 years of continuous service in the next few days. No employee is listed in this period with 15 years continuous service.

### 10 YEARS

**Victor E. Justice**, Product Processing, May 31.  
**Charles R. Eastland, Sr.**, Electrical, May 31.  
**Harvey F. Ballenger**, Process Analysis, May 31.  
**James H. Wakefield**, Product Processing, May 31.  
**Bill Tackett**, Research Services, June 1.  
**Alfred T. Barger**, Guard Department, June 1.  
**Kenneth P. Emert**, General Machine Shop, June 1.  
**Hermon L. Mitchell**, Buildings and Grounds, June 1.  
**Leon A. Meade**, Z Area and Dispatching, June 1.  
**Nora S. Hurst**, Mechanical Engineering, June 4.  
**Garnett W. Johnson**, Alpha Four Cascade Operation, June 4.  
**George C. Meredith**, Product Processing, June 4.  
**Paul L. Cook**, Buildings and Grounds, June 4.  
**James B. Price**, General Machine Shop, June 4.  
**Ruby M. O'Kain**, Tabulation Services, June 4.  
**Harry T. Clark**, Beta Four Heavy Machine Shop, June 4.  
**Beryl K. Calfree**, Stores, June 4.  
**Carl F. Baker, Jr.**, General Machine Shop, June 4.  
**James C. McKinney**, Process Maintenance, June 4.  
**William L. Harper**, Chemistry, June 4.  
**Robert L. Hopson**, General Machine Shop, June 4.  
**Augustus E. Perry**, Beta Four Heavy Machine Shop, June 4.  
**Anderson Halcorn**, Maintenance Planning, June 4.  
**David F. Leach**, Research Services, June 5.  
**Wiley B. Redmon**, Beta Four Heavy Machine Shop, June 5.  
**Clyde C. Jones**, Area Five Maintenance, June 6.  
**Claude E. Noland**, Receiving, June 6.

Studies made by The Travelers Insurance Companies show that the safety record of commercial vehicles is far better than the private passenger car.